

Follow-up report No.: 5

Report reference: , OIE Ref: 5426, Report Date: 10/01/2006, Country: Ukraine

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of confirmation of Event	02/12/2005	Date of Start of Event	25/11/2005
Date of report	10/01/2006	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Number of reported outbreaks	Submitted= 38, Draft= 1	Name of Sender of the report	Dr Petr I. Verbytskiy
Address	24, Khreshchetyk str. Kiev 1001	Position	CVO
Telephone	(38044) 279-12-70	Fax	
Email	kordon.nzgonnyk@minap.kiev.ua	Entered by	Mme Margarita Alonso

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Kirovskiy		Village	Zolotoye Pole	45,12	34,99	17/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3900	28	28	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankovskiy		Village	Predmostnoye	45,71	34,39	16/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	969	34	34	0	0		
Affected Population								

Outbreak (other report - draft)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Bilogorskiy		Village	Tsvetochnoye	45,05	34,59	26/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population turkeys								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Farm	Yugagro Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	60036	60036	60036	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Farm	Pitsecocomplex Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	82418	62638	62638	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Farm	Poberzhye Ltd.	45,04	35,35	28/12/2005	19/01/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	23501	23501	23501	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Bakhchisarayskiy		Village	Malovidnoye	44,75	33,86	17/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Ordzhonikidze	45,04	35,34	14/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	384	4	4	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Beregovoye	45,04	35,34	13/01/2006	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	1402	5	5	0	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Primorskoye	45,04	35,34	10/01/2006	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2935	1	1	0	0		
Affected Population								

Outbreak (this report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Simferopolskiy		Village	Solnechnoye	44,95	34,09	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Krasnoflotske	45,366666	34,95	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5500	4	4	3507	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankoytskiy		Village	Zavet-Leninskoe	45,85	34,4	25/11/2005	19/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4222	389	389	3833	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Dzhankoytskiy		Village	Pushkino	45,833333	34,4	25/11/2005	19/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1800	63	63	1502	0		

Affected Population	chickens and geese
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Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Izobilnoe	45,583333	34,966666	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3800	345	345	3455	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Razdolnoye	45,33	34,93	16/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5037	1	1	0	0		
Affected Population		clinical disease was reported in poultry						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Zavetnoye	45,33	34,93	10/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	13160	10	10	0	0		
Affected Population		clinical disease was reported in poultry						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Dmytrivka	45,483333	35,066666	07/12/2005	25/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	8100	26	26	6224	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Nekrasovka	45,45	35	25/11/2005	13/12/2005
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6076	1210	1210	4866	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Nezhinskoye	45,45	34,73	22/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	3	3	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Belgorodskiy		Village	Vasilivka	45,06	34,59	19/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	13	13	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Alushtinskiy		Village	Privetnoye	44,82	34,68	22/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	5	5	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Krepkoye	45,97	33,77	18/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Krasnoperekopsk	45,97	33,77	12/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	12	12	0	0		
Affected Population clinical disease was reported in poultry								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Sovetske	45,333333	34,916666	07/12/2005	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	2821	1	1	2820	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Chornozemne	45,4	34,8	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3923	22	22	2547	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Zorkino	45,55	34,7	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4872	6	6	4215	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Kirsanovka	45,483333	34,85	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1624	4	4	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End	
CRIMEAN	Nizhnegorskiy		Village	Khlebnoye	45,4	34,866666	07/12/2005		
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3367	1	1	0	0			
Affected Population		clinical disease was reported in poultry							

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Akimivka	45,5	34,85	07/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5513	14	14	5499	0		

Affected Population

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Urozhaynoye	45,33	34,93	16/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	6924	0	0	4267	0		
Affected Population		no clinical cases						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Sovetskiy		Village	Prisivashnoye	45,33	34,93	15/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	2257	15	15	1298	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Maryino	45,49	32,69	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	604	5	5	0	0		
Affected Population		clinical disease was reported in poultry						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Khmelevo	45,49	32,69	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1459	5	5	4	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Chernomorskiy		Village	Chernomorskiy	45,49	32,69	13/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	5708	3	3	63	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Nizhnegorskiy		Village	Yemelyanovka	45,516666	34,916666	25/11/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4000	265	265	3735	0		
Affected Population		chickens and geese						

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Krasnoperekopskiy		Village	Voyinka	45,86	33,98	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	7	7	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Sonyachne	45,05	35,35	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	2	2	0	0		
Affected Population								

Outbreak (other report - submitted)

Province	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
CRIMEAN	Feodosiya		Village	Primorske	45,533333	35,5	09/12/2005	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	1	1	0	0		
Affected Population								

Outbreak summary: Total outbreaks = 1 (Draft)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds		3	3	0	0

Outbreak summary: Total outbreaks = 38 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	266312	148696	148696	47835	0

Epidemiology

Epidemiological comments
The State Veterinary Services of the Autonomous Republic of Crimea, in collaboration with local authorities, have formed 179 groups to perform clinical examination of backyard poultry throughout the territory of the Autonomous Republic of Crimea.

Between 5 December 2005 and 10 January 2006, 522,212 holdings in 3,529 villages were inspected (7,300,413 birds of various species).

All dead birds are destroyed by burning.

The total number of quarantine posts on the territory of the affected districts is 4 (2 posts in Krasnoperekopskiy district, 1 post in Feodosiya and 1 post in Simferopolskiy district).

Quarantine restrictions have been lifted in the following villages:

- Nekrasovka, Dmitrovka, Krasnoflotskoye, Sovetskoye, Chernozomyonoye, Prisivashnoye (Sovetskiy district);

- Izobilnoye, Akimovka, Yemelyanovka, Kirsanovka (Nizhnegorskiy district);

- Zavet-Leninskiy, Pushkino (Dzhankoyskiy district);

- Chernomorskoye, Khmelevo (Chernomorskiy district).

Source of Infection	• Contact with wild Species
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Control Measures

Applied	<ul style="list-style-type: none"> • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) • Quarantine • Stamping out • Control of wildlife reservoirs • Zoning 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Central State Laboratory of Veterinary Medicine (Kiev)	Birds	polymerase chain reaction (PCR)	05/01/2006	Positive
National laboratory	Central State Laboratory of Veterinary Medicine (Kiev)	Birds	haemagglutination inhibition test (HIT)	05/01/2006	Positive

National laboratory	Central State Laboratory of Veterinary Medicine (Kiev)	Birds	enzyme-linked immunosorbent assay (ELISA)	05/01/2006	Positive
National laboratory	Donetsk Inter-Regional State Laboratory of Veterinary Medicine for Avian Diseases	Birds	virus isolation	03/01/2006	Positive
National laboratory	Donetsk Inter-Regional State Laboratory of Veterinary Medicine for Avian Diseases	Birds	enzyme-linked immunosorbent assay (ELISA)	03/01/2006	Positive
National laboratory	State Laboratory of Veterinary Medicine in AR Crimea (Simferopol)	Birds	polymerase chain reaction (PCR)	10/01/2006	Positive
National laboratory	State Laboratory of Veterinary Medicine in AR Crimea (Simferopol)	Birds	haemagglutination inhibition test (HIT)	10/01/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 32 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

Outbreak map

